

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 1 of 5

| | |
|------------------------|----------------|
| Application Number | 10/764861 |
| Filing Date | |
| First Named Inventor | Paul T. Jacobs |
| Group Art Unit | 17140 |
| Examiner Name | L. McCarne |
| Attorney Docket Number | JJM-408 CON1 |

U.S. PATENT DOCUMENTS

| Examiner Initials | Cite No. ¹ | U.S. Patent Document | | Name of Patentee or Applicant of Cited Document | Date of Publication of Cited Document mm-dd-yyyy | Pages, Columns, Lines, where relevant passages or relevant figures appear |
|-------------------|-----------------------|----------------------|-----------------------------------|---|--|---|
| | | Number | Kind Code ² (if known) | | | |
| LM | | 4,102,055 | | Volz, Jr. | 07/25/1978 | |
| | | 4,169,123 | | Moore et al. | 09/25/1979 | |
| | | 4,169,124 | | Forstrom et al. | 09/25/1979 | |
| | | 4,230,663 | | Forstrom et al. | 10/28/1980 | |
| | | 4,337,223 | | Keye | 06/29/1982 | |
| | | 4,410,492 | | Keye | 10/18/1983 | |
| | | 4,512,951 | | Koubek | 04/23/1985 | |
| | | 4,642,165 | | Bier | 02/10/1987 | |
| | | 4,643,876 | | Jacobs et al. | 02/17/1987 | |
| | | 4,744,951 | | Cummings et al. | 05/17/1998 | |
| LM | | 4,756,882 | | Jacobs et al. | 07/12/1988 | |
| | | 4,797,255 | | Hatanaka et al. | 01/10/1989 | |

FOREIGN PATENT DOCUMENTS

| Examiner Initials | Cite No. ¹ | Foreign Patent Document | | | Name of Patentee or Applicant of Cited Document | Date of Publication of Cited Document mm-dd-yyyy | Pages, Columns, Lines, where relevant passages or relevant figures appear | T ³ |
|-------------------|-----------------------|-------------------------|---------------------|------------------------|---|--|---|----------------|
| | | Office ³ | Number ⁴ | Kind Code ⁵ | | | | |
| LM | | CA | 2,149,823 | A | Mit Internationalem Recherchenbericht | 11/24/1992 | | |
| LM | | EP | 0 789 621 | A1 | Addy et al. | 10/08/1997 | | |
| LM | | DE | 41 02 055 | A | Olympus Optical Co., Ltd. | 01/26/1990 | | |
| | | DT | 26 23 647 | A | Gleich-Anmelder | 12/15/1977 | | |
| LM | | EP | 0 898 971 | A | Ethicon, Inc. | 03/03/1999 | | |
| LM | | EP | 0 923 951 | A | Ethicon, Inc. | 06/23/1999 | | |
| LM | | EP | 0 302 420 | A | Surgikos, Inc. | 02/08/1989 | | |
| LM | | EP | 1 110 559 | A | L'Air Liquide | 06/27/2001 | | |

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|--------------------|-----------------------|-----------------|-----------------|
| Examiner Signature | <i>Leslie McCarne</i> | Date Considered | 24 October 2005 |
|--------------------|-----------------------|-----------------|-----------------|

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| Substitute for form 1449A/PTO | | Application Number | 10/764861 |
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary) Sheet 2 of 5 | | Filing Date | |
| | | First Named Inventor | Paul T. Jacobs |
| | | Group Art Unit | 1744 |
| | | Examiner Name | L. McNamee |
| | | Attorney Docket Number | JJM-408 CON1 |

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|-------------------|-----------------------|----------------------|-----------------------------------|---|--|---|
| | | Number | Kind Code ² (if known) | | | |
| LM | | 4,817,800 | | Williams et al. | 04/4/1989 | |
| | | 4,899,518 | | Williams et al. | 02/13/1990 | |
| | | 4,909,899 | | Cummings et al. | 03/20/1990 | |
| | | 4,943,414 | | Jacobs et al. | 07/24/1990 | |
| | | 4,952,370 | | Cummings et al. | 08/28/1990 | |
| | | 4,956,145 | | Cummings et al. | 09/11/1990 | |
| | | 5,087,418 | | Jacob | 02/11/1992 | |
| | | 5,115,186 | | Campbell et al. | 05/18/1992 | |
| | | 5,286,448 | | Childers | 02/15/1994 | |
| | | 5,310,524 | | Campbell et al. | 05/10/1994 | |
| | | 5,348,075 | | Nichols et al. | 09/13/1994 | |
| | | 5,389,336 | | Childers et al. | 02/14/1995 | |

FOREIGN PATENT DOCUMENTS

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|-------------------|-----------------------|-------------------------|---------------------|------------------------|---|--|---|---|
| | | Office ³ | Number ⁴ | Kind Code ⁵ | | | | |
| LM | | EP | 0 302 419 | B | Johnson & Johnson Medical, Inc. | 02/08/1989 | | |
| LM | | EP | 916937 | A2 | Ethicon, Inc. | 05/19/1999 | | |
| LM | | EP | 0 456 135 | A | Abtox, Inc. | 11/13/1991 | | |
| LM | | EP | 0 302 419 | A | Surgikos, Inc. | 02/08/1989 | | |
| LM | | EP | 0 302 419 | B1 | Johnson & Johnson Medical, Inc. | 09/23/1992 | | |
| LM | | EP | 0 223 479 | A | Minnesota Mining and Manufacturing Co. | 05/27/1987 | | |

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| Examiner Signature | Leigh McNamee | Date Considered | 24 October 2005 |
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Sheet 3 of 5

Application Number

10/764861

Filing Date

First Named Inventor

Paul T. Jacobs

Group Art Unit

1744

Examiner Name

L. McCarne

Attorney Docket Number

JJM-408 CON1

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|----------------------|--------------------------|----------------------|--------------------------------------|--|--|---|
| | | Number | Kind Code ² (if known) | | | |
| LM | | 5,413,758 | | Caputo et al. | 05/09/1995 | |
| | | 5,413,760 | | Campbell et al. | 05/09/1995 | |
| | | 5,425,815 | | Parker et al. | 06/20/1995 | |
| | | 5,443,801 | | Langford | 08/22/1995 | |
| | | 5,451,368 | | Jacob | 09/19/1995 | |
| | | 5,492,672 | | Childers et al. | 02/20/1996 | |
| | | 5,527,508 | | Childers et al. | 06/18/1996 | |
| | | 5,534,221 | | Hillebrenner et al. | 07/08/1996 | |
| | | 5,552,115 | | Malchesky | 09/03/1996 | |
| | | 5,556,607 | | Childers et al. | 09/17/1996 | |
| | | 5,558,841 | | Nakagawa et al. | 09/24/1996 | |
| | | 5,570,739 | | Krawchuk et al. | 11/05/1996 | |
| | | 5,580,530 | | Kowatsch et al. | 12/03/1996 | |
| LM | | 5,600,142 | | Van Den Berg et al. | 02/04/1997 | |

FOREIGN PATENT DOCUMENTS

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| | | Office ⁴ | Number ⁴ | Kind Code ⁵ | | | | |
| LM | | EP | 0 207 417 | B | Surgikos, Inc. | 01/07/1987 | | |
| LM | | WO | 94/12090 | A | Mit Internationalen Recherchenbericht | 11/24/1992 | | |
| LM | | WO | 99 27971 | A | Seikagaku Corp. | 06/10/1999 | | |

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|-----------------------|---------------------|--------------------|-----------------|
| Examiner Signature | <i>Leah McCarne</i> | Date Considered | 24 October 2004 |
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Sheet 4 of 5

| | |
|------------------------|----------------|
| Application Number | 10/764801 |
| Filing Date | |
| First Name of Inventor | Paul T. Jacobs |
| Group Art Unit | 1744 |
| Examiner Name | L. McKaw |
| Attorney Docket Number | JJM-408 CON1 |

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|----------------------|--------------------------|----------------------|--------------------------------------|--|--|---|
| | | Number | Kind Code ² (if known) | | | |
| LM | | 5,633,424 | | Graves et al. | 05/27/1997 | |
| | | 5,656,238 | | Spencer et al. | 08/12/1997 | |
| | | 5,687,753 | | Jacobs et al. | 09/16/1997 | |
| | | 5,674,450 | | Lih et al. | 10/07/1997 | |
| | | 5,711,921 | | Langford | 01/27/1998 | |
| | | 5,714,119 | | Kawagoe et al. | 02/03/1998 | |
| | | 5,770,739 | | Lih et al. | 06/23/1998 | |
| | | 5,788,925 | | Pai et al. | 08/04/1998 | |
| | | 5,782,422 | | Lih et al. | 08/11/1998 | |
| | | 5,804,139 | | Lih et al. | 09/08/1998 | |
| | | 5,851,485 | | Lih et al. | 12/22/1998 | |
| | | 5,882,589 | | Mariotti | 03/16/1999 | |
| | | 5,961,921 | | Addy et al. | 10/05/1999 | |
| | | 5,980,825 | | Addy et al. | 11/08/1999 | |
| LM | | 5,993,754 | | Lemmen et al. | 11/30/1999 | |

FOREIGN PATENT DOCUMENTS

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Sheet 5 of 5

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| Application Number | 10/764861 |
| Filing Date | |
| First Named Inventor | Paul T. Jacobs |
| Group Art Unit | 1744 |
| Examiner Name | L. McKane |
| Attorney Docket Number | JJM-408 CON1 |

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|----------------------|--------------------------|----------------------|--------------------------------------|--|--|---|
| | | Number | Kind Code ² (if known) | | | |
| UM | | 6,010,662 | | Lin et al. | 01/04/2000 | |
| | | 6,013,227 | | Lin et al. | 01/11/2000 | |
| | | 6,015,529 | | Lin et al. | 01/18/2000 | |
| | | 6,030,579 | | Addy et al. | 02/29/2000 | |
| | | 6,036,918-A | | Kowanko | 03/14/2000 | |
| | | 6,039,922 | | Swank et al. | 03/21/2000 | |
| | | 6,056,918 | | Palaniappan et al. | 05/02/2000 | |
| | | 6,068,817 | | Addy et al. | 05/30/2000 | |
| | | 6,132,680 | | Addy et al. | 10/17/2000 | |
| | | 6,162,395 | | Kowanko | 12/19/2000 | |
| | | 6,174,502 | B1 | Addy et al. | 01/16/2001 | |
| | | 6,183,691B1 | | Swank et al. | 02/06/2001 | |
| | | 6,319,480 | B1 | Addy et al. | 11/20/2001 | |
| | | 6,325,972 | B1 | Jacobs et al. | 12/04/2001 | |
| | | 6,451,254 | | Wang et al. | 09/17/2002 | |
| | | 6,495,100 | B1 | Lin et al. | 12/17/2002 | |
| | | 6,528,017 | B2 | Jacobs | 03/04/2003 | |
| | | 6,589,481B1 | | Lin et al. | 07/08/2003 | |
| | | 6,627,150 | B1 | Wang et al. | 09/30/2003 | |
| | | 6,656,426 | B1 | Wang et al. | 12/02/2003 | |
| | | 6,656,427 | B2 | Lin et al. | 12/02/2003 | |
| | | 2003/0012402A1 | | Ono | 01/16/2003 | |
| UM | | 2004/0001774 | A1 | Williams et al. | 01/01/2004 | |

FOREIGN PATENT DOCUMENTS

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| | | | | | | | | |

Examiner Signature *Reish McKane*

Date Considered

24 October 2005

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